

**Appl. No.** : **10/048,142**  
**Filed** : **July 16, 2002**

## **AMENDMENTS TO THE SPECIFICATION**

**Please add the following paragraph as the first paragraph of the specification:**

### **CROSS-REFERENCE TO RELATED APPLICATIONS**

This application is the U.S. National Phase of International Patent Application No. PCT/BE00/00086 filed on July 19, 2000 under the Patent Cooperation Treaty (PCT), which was published by the International Bureau in English on February 1, 2001 as WO 01/08314 A2, which designates the U.S. and is a non-provisional application of U.S. Provisional Patent Application No. 60/145,426, filed July 23, 1999, each of which is incorporated by reference.

**Please replace the Abstract as follows:**

### **METHOD AND APPARATUS FOR HIGH-SPEED SOFTWARE RECONFIGURABLE CODE DIVISION MULTIPLE ACCESS COMMUNICATION**

#### **ABSTRACT OF THE DISCLOSURE**

A communication device for W-CDMA signal transmission and reception includes a W-CDMA transmitter having at least one of a RAM and registers, a W-CDMA receiver having at least one of a RAM and registers, and a signal acquisition circuit. The communication device is software reconfigurable and further includes a digital circuit for phase unbalance precompensation in the W-CDMA transmitter. The digital circuit includes an input register holding a compensation angle and a section performing arithmetic calculations to acquire a change of an I, Q angle by the compensation angle. A method of operating a W-CDMA communication device includes the acts of configuring the device for a specific use, and performing at least one of transmitting, receiving and acquiring waveform signals. The configuring is preferably done by a processor.